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INTERNATIONAL SEARCH REPORT

Form PCT/ISA/210 (second sheet) (July 1998)

International application No. PCT/JP02/09971

A. CLASS	IFICATION OF SUBJECT MATTER C1 H01J31/12, 29/06, 29/82, 2	9/87			
According to	o International Patent Classification (IPC) or to both nat	tional classification and IPC			
	S SEARCHED				
Minimum do	ocumentation searched (classification system followed b C1 H01J31/12-31/15, 29/06, 29	y classification symbols) /82, 29/87	•		
Jitsu Kokai	ion searched other than minimum documentation to the ayo Shinan Koho 1926–1996 Jitsuyo Shinan Koho 1971–2002	Jitsuyo Shinan Toroku Koho	1994-2002 1996-2002		
Electronic de	ata base consulted during the international search (name	e of data base and, where practicable, sear	ch terms used)		
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.		
Y	JP 2001-176432 A (Pixtech S.	A.),	1-3,5-7,9		
A	29 June, 2001 (29.06.01), Par. Nos. [0037] to [0038]; F	ig. 2	4,8		
	& EP 1096542 A1 & FR & FR 2800511 A1	2800512 A1			
Y	JP 2976118 B2 (Canon Inc.),		1-3,5-7,9		
A	19 November, 1999 (19.11.99), Column 4, lines 37 to 41; col Figs. 1, 2 (Family: none)	umn 7, lines 17 to 21;	4		
Y	JP 10-83778 A (Motorola, Inc	,	5,6		
1	31 March, 1998 (31.03.98),	- / /	, ,		
	Full text; all drawings & US	5811927 A			
		98005167 A	•		
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.			
* Specia	* Special categories of cited documents: "A" later document published after the international filing date or priority date and not in conflict with the application but cited to				
considered to be of particular relevance understand the principle or theory underlying the inventional filing "X" document of particular relevance; the claimed invention					
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special	o establish the publication date of another citation or other l reason (as specified)	"Y" document of particular relevance; the considered to involve an inventive ste combined with one or more other sucl	p when the document is		
means	nent referring to an oral disclosure, use, exhibition or other	combined with one of more other such combination being obvious to a perso document member of the same patent	n skilled in the art		
than th	nent published prior to the international filing date but later ne priority date claimed				
Date of the	actual completion of the international search December, 2002 (17.12.02)	Date of mailing of the international sea 14 January, 2003 (14.01.03)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			
Facsimile N	•	Telephone No.			

INTERNATIONAL SEARCH REPORT

International application No. PCT/JP02/09971

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C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant pass	sages	Relevant to claim No.
Y	JP 7-326306 A (Canon Inc.), 12 December, 1995 (12.12.95), Full text; all drawings (Family: none)	5,6	
Y	JP 10-74471 A (Motorola, Inc.), 17 March, 1998 (17.03.98), Par. No. [0009]; Fig. 2 & EP 810626 A2 & US 5726529 A & KR 97076968 A & DE 69714144 A1	7	
A	JP 61-31587 B2 (Matsushita Electric Industrial Co., Ltd.), 21 July, 1986 (21.07.86), Column 4, line 33 to column 5, line 21 (Family: none)		8
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